Defect Set 5 - Pull Rig Defects Decoupled Data

This defect set was used in the pull rig. Clicking on the defect number will link to a page with all MFL data, as well as photographs and load-deflection-time plots. For a layout map of the defects, click here. For a description of the variables included in this table, see the legend at the bottom of this page.

#	Decoupled MFL Signal	Q		FB	RI	RO	M	=	۵	S
101	15- 10- 5- 0- C 5 10 5	3	9	3	0	3	5%	2%	%09	S
102	15- 10- 5- 0 5 10 15	3	9	0	9	0	2%	2%	%09	S
102r	15 10 - 5 10 5	3	9	0	9	0	2%	2%	%09	S

102rr	15-10-5 10-5 10-5	3	9	o	w	0	10%	10%	%09	S
103	15- 16- 5- 0 C 5 10 5	3	9	0	W	0	%0	%0	%09	S
104	15 10 5 0 5 10 15	9	2	0	Z	0	%0	%0	%09	S
105	5-10-10-15	-	4	1	2	-	-		%09	S

106	5 10 5	-	9	2	2	2	-	-	%09	S
107	5-	-	9	1	4	1	1	1	%09	Ø
108	10 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 5 - 13 - 13	-	8	2	4	2		_	%09	S
109	10	2	9	2	2	2	-	-	%09	Ø

110	15-	2	8	2	4	2	-	7-	%09	S
111	5-00 5 10 5	2	8	4	0	4	1	1	%09	S
113	15 10 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		9	3	1.5	1.5	-	1	%09	S
114	10- 5- 0 c 5 10 5	ဇ	9	1.5	ဇ	1.5	-	-	%09	S

П	60%			2	2	2	6	2	G. Q. G. Q. Q. G.	811
П	60%	_	-	S	0	3	6	3	SI 01 C 0 0 -01	Z II
S	60%	1	-1	3	1.5	1.5	6	3	S1 01 0 0 0 0 01 01 01 01 01 01 01 01 01	911
S	60%	-3			ΟΊ	2	8	2	G - CL - G	SII

119	5-10 5 10 5	2	8	2	4	2	1	1	30%	Ø
120	5-00 5 10 5	2	မ	2	2	2	L	1	30%	S
121	10 10 5 10 5	6	α	4	2	2	-	0.5	%09	S
122	5-00 5 10 5	• 1	1 0	2	2	2		0.5	%09	v

124	5-	· · · · · · · · · · · · · · · · · · ·	2	w	2	2	2	_	-	%09	တ
125		The transfer of the transfer o	2	đ	-	-	2	1	ļ	%09	တ
126	15- 10- 5- 0 5 10 15	1999	2	4	1	2	1	0.5	-	%09	S
126r	15 - 10 - 5 - 10 - 5	11 11 12 12 12 12 12 12 12 12 12 12 12 1	2	4	-	2	_		_	%09	Ø

127	75- 10- 5- 00- 10-5-10-15	2	9	2	2	2	0.5	_	%09	S
128	15- 16- 5- 0- C 5 10 15	2	9	1	3	2	1	ı	%09	S
129	5 10 15	2	8	2	4	2	1	1	%09	S
131	5 10 5	2	9	2	2	2	%0	%0	%09	S

Legend:

- # = Defect # is an arbitrary number identifying each defect
- D = Depth is the dent depth in percent of the diameter.
- L = Overall Length is the total length of the gouge in inches.
- FB = Flat Bottom Length is the length of the fiat bottom portion of the gouge in inches.
- RI = Ramp In and RO = Ramp Out are the distances on either side of the flat bottom used to ramp the indentor into and out of the pipe (the overall gouge length is the sum of the flat bottom length and the ramp in and ramp out lengths).
- IW = Indentor Width and IL = Indentor Length are the footprint dimensions of the indentor in inches; where x% is shown, the indentor was a 4-inch sphere with a sharp protruding cutter that extended x% of the wall thickness.
- P = Pressure is the internal pipe pressure in percent of specified minimum yiemfl strength.
- S = Speed refers to the rate of axial movement of the indentor (S is 1 inch per second; F is 5 inches per second).

Defect Set 6 - Flow Loop Defects Decoupled Data

This defect set was used in the pull rig. Clicking on the defect number will link to a page with all MFL data, as well as photographs and load-deflection-time plots. For a layout map of the defects, click here. For a description of the variables included in this table, see the legend at the bottom of this page.

#	Decoupled MFL Signal	O	-1	FB	RI	RO	N.	_	۵	S
133	17.	2	9	2	2	2	1	1	9.0	F
134	17	2	9	2	2	2	1	1	9.0	S
135	10-10-15	2	9	3	2	1	1	1	9.0	S

136)- C 5 10 15		2	9	3	1	2	-	-	9.0	S
137	10	ATTACARTICAL CANADARY	2	9	2	2	2	%9	%9	9:0	S
138	10	11 11 11 11 11 11 11 11 11 11 11 11 11	3	9	3	3	0	2%	5%	9.0	S
139	15-00 5 10 5	U 9 7 7 8 4 4 3 7 1 8 7 1 8 4 4 4 4 6 7 8 8	3	9	3	0	3	2%	%5	9.0	S

140	10 5 10 15	######################################	7	4	2	2	0	-	-	0.6	S
142	10- 5- C 5 10 15	- 1. Table 1		9	3	1	2	-	1	0.3	F
143	5 10 15	6) d 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0	0	3	-	2	0.5	-	9.0	S
144	12 ·			O	က	-	2	1	-	9.0	S

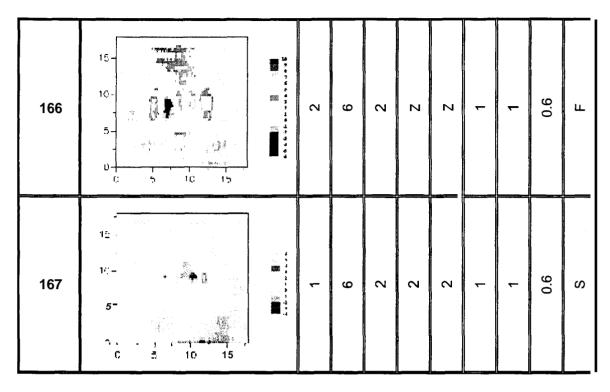
145	10	2	9	2	2	2			0.3	v
146	10	7	9	m	1	2	-	-	9.0	S
148	15 10 15 15 15 15 15 15 15 15 15 15 15 15 15	2	9	Z	2	2		1	9.0	တ
149	15 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	3	9	ŵ		3	2%	5%	0.6	S

150	12 10 15 15	200 t t t t t t t t t t t t t t t t t t	2	8	2	4	2	-	_	9.0	S
151	5- C = 10 15	· · · · · · · · · · · · · · · · · · ·		4	3	1	0	1	1	9.0	တ
152	1 5- C = 10 15		-	9	က		2	_	0.5	9.0	S
153	10- 5- C 5 10 15	· · · · · · · · · · · · · · · · · · ·	-	9	4				_	0.3	S

154	10 - max m	2	9	က	1	2	1	1	0.3	S
155	15 - 10 15	2	9	4	2	0		1	0.3	S
156	10	2	9	0	2	4	1	1	0.3	S
157	16 - 10 - 15 - 10 - 15	-	9	4.5	-	0.5	1	-	9.0	S

158	10 5 10 15	ははない。	e	4		1.5	1.5			9.0	v.
159	12. 17. 5- E 5 10 15	### ### ##############################	2	9	2	2	2	-	-	9.0	S
160	15-	M Dittill 19 9 9 7 4 6 8 8 8 7 1 8 4 6 8 8 7 1 8 4 6 8 8 7 1 8 4 6 8 8 8 7 1 8 4 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2	9	2	2	2	1	0.5	9.0	S
161	12 - 15 - 15 - 15	· 離 · · · · · · · · · · · · · · · · · ·	-	9	3	-	2	0.5	-	9.0	S

162	1 = 0 1 1 1 1 1 1 1 1 1	-	9	2	2	2	-	-	9.0	Ľ.
163	1	2	9	4	2	0	1	l	9.0	S
164	10-	1	9	4	-	1	1	1	9.0	S
165	10 - 10 - 15 - 10 - 15	2	9	4	1	1	1	1	9.0	S



Legend:

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